10/578,790 MAT-8848US

Amendment Dated: January 4, 2008 Reply to Office Action of: November 28, 2007

## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

## Listing of Claims:

Application No.:

- (Currently Amended) An electro-acoustic transducer comprising a magnetic circuit,
  - a frame coupled with the magnetic circuit,
  - a diaphragm fixed to the frame at the circumference,
- a voice coll attached to the diaphragm and disposed in part in the magnetic gap of magnetic circuit,
- a terminal consisting of a sheet metal having spring property and electrical conductivity, electrically coupled with the voice coil, and
- a stopper <u>formed of an elastic body made of polymer material</u> bonded with an adhesive to a reverse surface of the magnetic circuit for restricting the bending of the sheet metal constituting the terminal to be within the reversibility limit value of the metallic material.
- (Original) The electro-acoustic transducer of claim 1, wherein the stopper is disposed on the reverse surface of the magnetic circuit's yoke.
- 3. (Original) The electro-acoustic transducer of claim 1, wherein the stopper is disposed on the reverse surface of the magnetic circuit's lower plate.

## 4.- 5. (Cancelled)

- (Currently Amended) The electro-acoustic transducer of claim-5\_1, wherein the
  polymer material is at least one selected from among the group consisting of rubber,
  elastomer, urethane foam and foamed resin.
- 7. (Cancelled)

MAT-8848US

Application No.: 10/578,790
Amendment Dated: January 4, 2008
Reply to Office Action of: November 28, 2007

8. (Currently Amended) The electro-acoustic transducer of claim-1, An electro-acoustic transducer comprising a magnetic circuit.

- a frame coupled with the magnetic circuit,
- a diaphragm fixed to the frame at the circumference.
- a voice coll attached to the diaphragm and disposed in part in the magnetic gap of magnetic circuit,
- a terminal consisting of a sheet metal having spring property and electrical conductivity, electrically coupled with the voice coil, and
- a stopper bonded with an adhesive to a reverse surface of the magnetic circuit for restricting the bending of the sheet metal constituting the terminal to be within the reversibility limit value of the metallic material wherein the stopper is formed of a laminar body which is made of at least two kinds of materials each having different coefficient of elasticity.
- 9. (Currently Amended) An electronic apparatus containing an electro-acoustic transducer, the transducer comprising:
  - a magnetic circuit.
  - a frame coupled with the magnetic circuit,
  - a diaphragm fixed to the frame at the circumference.
- a voice coil attached to the diaphragm and disposed in part in the magnetic gap of magnetic circuit,
- a terminal consisting of a sheet metal having spring property and electrical conductivity, electrically coupled with the voice coil, and
- a stopper formed of an elastic body made of polymer material bonded with an adhesive to a reverse surface of the magnetic circuit for restricting the bending of the sheet metal constituting the terminal to be within the reversibility limit value of the metallic material.

Application No.: 10/578,790 Amendment Dated: January 4, 2008

Reply to Office Action of: November 28, 2007

10. (New) An electronic apparatus according to claim 9, wherein the stopper is disposed on the reverse surface of the magnetic circuit's yoke.

MAT-8848US

11. (New) An electronic apparatus according to claim 9, wherein the stopper is disposed on the reverse surface of the magnetic circuit's lower plate.